

2. (Amended) The projector according to claim 1, the uneven color correction section including a memory in which uneven color correction data according to the zoom state is stored.

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3. (Amended) The projector according to claim 2, the uneven color correction section including a control circuit and an uneven color correction circuit, the memory storing and holding first and second uneven color correction data according at least to first and second zoom states, the control circuit calculating the uneven color correction data in a zoom state between the first and second zoom states based on the first and second uneven color correction data, and the uneven color correction circuit performing uneven color correction on the image signal using the calculated uneven color correction data.

4. (Twice Amended) The projector according to claim 1, further comprising a light valve that modulates at least one of transmitted light and reflected light according to the image signal.

5. (Amended) A method of correcting uneven color of a projector that forms a projected image corresponding to an image signal on a screen by a projection lens having a zoom function, the method comprising:

performing uneven color correction on the image signal in accordance with a zoom state of the projection lens.

6. (Amended) The method of correcting uneven color of a projector according to claim 5, further comprising:

detecting the zoom state of the projection lens;

calculating uneven color correction data according to a detected zoom state;

and

performing the uneven color correction on the image signal using the calculated uneven color correction data.